

#5



PCT10

RAW SEQUENCE LISTING

DATE: 01/31/2003

PATENT APPLICATION: US/10/089,563

TIME: 10:45:53

Input Set : A:\sequence listin.txt

Output Set: N:\CRF4\01312003\J089563.raw

3 <110> APPLICANT: Oriental Yeast Co., Ltd.; JAPAN AS REPRESENTED BY
 4 <120> TITLE OF INVENTION: Kits for extracting nucleic acid and method of
 5 extracting nucleic acid by using the kits
 6 <130> FILE REFERENCE: 159-72
 10 <140> CURRENT APPLICATION NUMBER: 10/089,563
C--> 11 <141> CURRENT FILING DATE: 2002-08-13
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP00/05170
 14 <151> PRIOR FILING DATE: 2000-08-02
 16 <150> PRIOR APPLICATION NUMBER: JP 190633/1999
 17 <151> PRIOR FILING DATE: 1999-07-01
 19 <160> NUMBER OF SEQ ID NOS: 19
 21 <170> SOFTWARE: PatentIn Ver. 2.0
 23 <210> SEQ ID No: 1
 24 <211> LENGTH: 13
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Artificial Sequence
 27 <214> FEATURE:
 29 <215> OTHER INFORMATION: Description of Artificial Sequence: primer GF62
 31 <400> SEQUENCE: 1
 32 aagatctatag gtaaaagaca cca 23
 34 <210> SEQ ID No: 2
 35 <211> LENGTH: 13
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial Sequence
 38 <214> FEATURE:
 39 <215> OTHER INFORMATION: Description of Artificial Sequence: primer GF63
 41 <400> SEQUENCE: 1
 42 taagtgtgtg tccatgctt tta 23
 44 <210> SEQ ID No: 3
 45 <211> LENGTH: 19
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Artificial Sequence
 48 <214> FEATURE:
 49 <215> OTHER INFORMATION: Description of Artificial Sequence: primer SK100
 51 <400> SEQUENCE: 3
 52 atcagagacc catcgaat 19
 54 <210> SEQ ID No: 4
 55 <211> LENGTH: 22
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Artificial Sequence
 58 <214> FEATURE:
 59 <215> OTHER INFORMATION: Description of Artificial Sequence: primer SK104
 61 <400> SEQUENCE: 4

RAW SEQUENCE LISTING

DATE: 01/31/2003

PATENT APPLICATION: US/10/089,563

TIME: 10:45:53

Input Set : A:\sequence listin.txt

Output Set: N:\CRF4\01312003\J089563.raw

```

65 ctttttggtcc ttctctatg tc 22
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 15
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
71 <214> FEATURE:
72 <215> OTHER INFORMATION: Description of Artificial Sequence: primer
73 <216> UNIPOL
74 <400> SEQUENCE: 5
75 agtgcattatc taaaagcaga agt 23
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 17
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
80 <214> FEATURE:
81 <215> OTHER INFORMATION: Description of Artificial Sequence: primer UNIPOL
82 <216> 1A
83 <400> SEQUENCE: 6
84 ccccccacac ccccttctct tttaaaa 27
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 14
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
89 <214> FEATURE:
90 <215> OTHER INFORMATION: Description of Artificial Sequence: primer P5
91 <400> SEQUENCE: 7
92 tttagcagca agatgccc 13
93 <210> SEQ ID NO: 8
94 <211> LENGTH: 18
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
97 <214> FEATURE:
98 <215> OTHER INFORMATION: Description of Artificial Sequence: primer P6
99 <400> SEQUENCE: 8
100 tctctcttga ctttgagg 18
101 <210> SEQ ID NO: 9
102 <211> LENGTH: 220
103 <212> TYPE: DNA
104 <213> ORGANISM: HIV-1
105 <214> FEATURE:
106 <215> OTHER INFORMATION: Description of Artificial Sequence: primer P6
107 <400> SEQUENCE: 9
108 tctctcttga ctttgagg 18
109 <210> SEQ ID NO: 9
110 <211> LENGTH: 220
111 <212> TYPE: DNA
112 <213> ORGANISM: HIV-1
113 <214> FEATURE:
114 <215> OTHER INFORMATION: Description of Artificial Sequence: primer P6
115 <400> SEQUENCE: 9
116 ctatgcacat gtttaagat accatcaatg aggaagctgc agaatgggac aggggtacac 60
117 agtgcattgc aggggtatt ccaccaggcc agatgagaga accaagggga agtgacatag 120
118 aggaagcag tagtaccctt caagaacaaa taggatggat gacaagcaat ccacctatcc 180
119 aggtggga gtcctatataaa agatggataa tcttgggatt 220
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 220
122 <212> TYPE: DNA
123 <213> ORGANISM: HIV-1
124 <214> FEATURE:
125 <215> OTHER INFORMATION: Description of Artificial Sequence: primer P6
126 <400> SEQUENCE: 10

```

RAW SEQUENCE LISTING

DATE: 01/31/2003

PATENT APPLICATION: US/10/089,563

TIME: 10:45:53

Input Set : A:\sequence listin.txt

Output Set: N:\CRF4\01312003\J089563.raw

```

130 ccattgcaaat gttaaaaagaa accatcaatg aggaagctgc agaatgggat aggggtacacc 60
131 cagtagcatgc agggcctatt ccaccaggcc agatgagggg aaccaagggga agtgacatag 120
132 cagggaactac tagtaacctt caagaacaaa taggatggat gacaaacaat ccacctatcc 180
133 cagtggggaga catctataaa aggtgggataa tcttgggatt 240
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 240
137 <212> TYPE: DNA
138 <213> ORGANISM: HIV-1
140 <400> SEQUENCE: 11
141 ccattgcaaat gttaaaaagaa accatcaatg aggaagctgc agaatgggat aggggtacacc 60
142 cagtagcatgc agggcctatt ccaccaggcc agatgagggg aaccaagggga agtgacatag 120
143 cagggaactac tagtaacctt caagaacaga taggatggat gacaaacaat ccacctatcc 180
144 cagtggggaga catctataaa aggtgggataa tcttgggatt 240
146 <210> SEQ ID NO: 12
147 <211> LENGTH: 240
148 <212> TYPE: DNA
149 <213> ORGANISM: HIV-1
151 <400> SEQUENCE: 12
152 ccattgcaaat gttaaaaagaa accatcaatg aggaagctgc agaatgggat aggggtacacc 60
153 cagtagcatgc agggcctatt ccaccaggcc agatgagggg aaccaagggga agtgacatag 120
154 cagggaactac tagtaacctt caagaacaaa taggatggat gacaaacaat ccacctatcc 180
155 cagtggggaga catctataaa agatgggataa tcttgggatt 240
157 <210> SEQ ID NO: 13
158 <211> LENGTH: 240
159 <212> TYPE: DNA
160 <213> ORGANISM: HIV-1
162 <400> SEQUENCE: 13
163 ccattgcaaat gttaaaaagaa accatcaatg aggaagctgc agaatgggat aggggtacacc 60
164 cagtagcatgc agggcctatt ccaccaggcc agatgagggg aaccaagggga agtgacatag 120
165 cagggaactac tagtaacctt caagagcaaaa taggatggat gacaaacaat ccacctatcc 180
166 cagtggggaga catctataaa aggtgggataa tcttgggatt 240
168 <210> SEQ ID NO: 14
169 <211> LENGTH: 240
170 <212> TYPE: DNA
171 <213> ORGANISM: HIV-1
173 <400> SEQUENCE: 14
174 ccattgcaaat gttaaaaagaa accatcaatg aggaagctgc agaatgggat aggggtacacc 60
175 caatacatgc agggcctatt ccaccaggcc agatgagggg aaccaagggga agtgacatag 120
176 cagggaaccac tagtaacctt caagaacaaa taggatggat gacaaacaat ccacctatcc 180
177 cagtggggaga catctataaa aggtgggataa tcttgggatt 240
179 <210> SEQ ID NO: 15
180 <211> LENGTH: 240
181 <212> TYPE: DNA
182 <213> ORGANISM: HIV-1
184 <400> SEQUENCE: 15
185 ccattgcaaat gttaaaaagaa accatcaatg aggaagctgc agaatgggat aggggtacacc 60
186 cagtagcatgc agggcctatt ccaccaggcc agatgagggg aaccaagggga agtgacatag 120
187 cagggaactac tagtaacctt caagaacaaa taggatggat gacaaacaat ccacctatcc 180
188 cagtggggaga catctataaa aggtgggataa tcttgggatt 240

```

RAW SEQUENCE LISTING

DATE: 01/31/2003

PATENT APPLICATION: US/10/089,563

TIME: 10:45:53

Input Set : A:\sequence listin.txt

Output Set: N:\CRF4\01312003\J089563.raw

```

190 <11> SEQ ID NO: 16
191 <11> LENGTH: 120
192 <11> TYPE: DNA
193 <11> ORGANISM: HIV-1
194 <10> SEQUENCE: 16
195 atatgcaaat gttaaaagag accatcaatg aggaagctgc agaatgggat aggggtacacc 60
196 aggtacatgc agggccctatt ccaccagggc agatgagggg accaagggga agtgatatag 120
197 cagggaactac tagtaccctt caagaacaaa taggatggat gacaaacaat ccacctatcc 180
198 agtggggaga catctataaa aggtgggataa tcttgggatt 240
200 <11> SEQ ID NO: 17
201 <11> LENGTH: 120
202 <11> TYPE: DNA
203 <11> ORGANISM: HIV-1
204 <10> SEQUENCE: 17
205 atatgcaaat gttaaaagaa accatcaatg aggaagctgc agaatgggat aggggtacacc 60
206 aggtacatgc agggccctatt ccaccagggc agatgagggg accaagggga agtgacatag 120
207 cagggaactac tagtaccctt caagaacaaa taggatggat gacaaacaat ccacctatcc 180
208 agtggggaga catctataaa aggtgggataa tcttgggatt 240
210 <11> SEQ ID NO: 18
211 <11> LENGTH: 120
212 <11> TYPE: DNA
213 <11> ORGANISM: HIV-1
214 <10> SEQUENCE: 18
215 atatgcaaat gttaaaagaa accatcaatg aggaagctgc agaatgggat aggggtacacc 60
216 aggtacatgc agggccctatt ccaccagggc agatgagggg accaagggga agtgacatag 120
217 cagggaactac tagtaccctt caagaacaga taggatggat gacaaacaat ccacctatcc 180
218 agtggggaga catctataaa aggtgggataa tcttgggatt 240
220 <11> SEQ ID NO: 19
221 <11> LENGTH: 120
222 <11> TYPE: DNA
223 <11> ORGANISM: HIV-1
224 <10> SEQUENCE: 19
225 atatgcaaat gttaaaagac accatcaatg aggaagctgc agaatgggat aggggtacacc 60
226 aggtacatgc agggccctatt ccaccagggc agatgagggg accaagggga agtgacatag 120
227 cagggaactac tagtaccctt caggaaacaaa taggatggat gacaaacaat ccacctatcc 180
228 agtggggaga catctataaa aggtgggataa tcttgggatt 240

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/089,563

DATE: 01/31/2003

TIME: 10:45:54

Input Set : A:\sequence listin.txt

Output Set: N:\CRF4\01312003\J089563.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date